

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2007

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

February 15, 2007

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Most of the HSA received above normal precipitation during January. Average precipitation during the month ranges from 0.75 of an inch to 1.25 inches across the HSA. Many areas received one to two inches of precipitation in January. The rainfall events during the month were generally light to moderate and the moisture quickly entered the dry ground. In addition, a few winter precipitation events occurred that produced snow and sleet that slowly permeated through the soils. While the moisture was beneficial during the month, it was not sufficient to generate important runoff to replenish low stream flows and dry stock tanks.

The San Angelo Regional Airport received 1.83 inches of precipitation during January, which was 1.04 inches above normal for the month. The monthly normal rainfall for San Angelo in January is 0.82 of an inch.

The Abilene Regional Airport received 1.59 inches of precipitation during January, which was 0.62 of an inch above normal for the month. The monthly normal rainfall for Abilene in January is 0.97 of an inch.

Junction received 1.74 inches of rain during January. The estimated average monthly rainfall in January is about one inch.

Coop Observer Rainfall Totals for January, 2007:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	M	Oak Creek Lake	1.93
Acton Ranch	1.60	Ozona	1.83
Albany	2.19	Ozona 22SE	1.56
Anson	2.11	Paint Rock	2.11
Ballinger 2NW	1.66	Putnam	1.70
Brady	2.50	Red Bluff Crossing	2.82
Brownwood	2.18	Richland Springs	M
Burkett	1.68	Robert Lee	1.61
Coleman	1.89	Roscoe	1.51
Concho Park	1.60	Rotan	1.54
Eden	2.94	San Angelo 15WNW	1.37
Eldorado	1.49	San Angelo WFO	1.75
Eldorado 10W	1.83	San Saba 7NW	2.42
Eldorado 12N	2.70	Silver Valley	2.05
Fort Griffin	1.58	Sonora	2.01
Fort McKavett	2.19	Stamford	1.31
Glen Cove	2.14	Sterling City	1.40
Hamlin	1.43	Sterling City 8NE	1.88
Haskell	1.69	Taylor Ranch	2.47
Hords Creek	M	Telegraph	1.60
Humble Pump	1.06	Throckmorton 7NE	2.28
Junction 4SSW	1.31	Water Valley	1.26
Lake Abilene 6WNW	1.68	Water Valley 11NE	1.72
Lawn	1.86	Winters	2.95
London 3N	1.99	Woodson	1.01
Mason	2.25		
Menard	2.09	(M) <i>Missing data</i>	
Merkel 12SW	1.97	(T) <i>Trace</i>	

Reservoir Conditions (end of January, 2007)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	36,710	52
Lake Stamford	52,700	32,850	64
Hubbard Creek Lake	317,800	151,410	48
Hords Creek Lake	8,800	4,570	56
Lake Brownwood	131,428	92,790	71
E.V. Spence	488,760	68,070	13
O.C. Fisher	119,200	7,900	7
O.H. Ivie	554,340	218,900	39
Twin Buttes	177,800	42,920	24

Hydro Products Issued

FFA = 0

FFW = 0

FFS = 0

FLS = 0 (Urban/Small Stream Advisory)

RVS = 0

FLW = 0

ESF = 1 (Drought Statement)

PNS = 1 (Drought Statement)